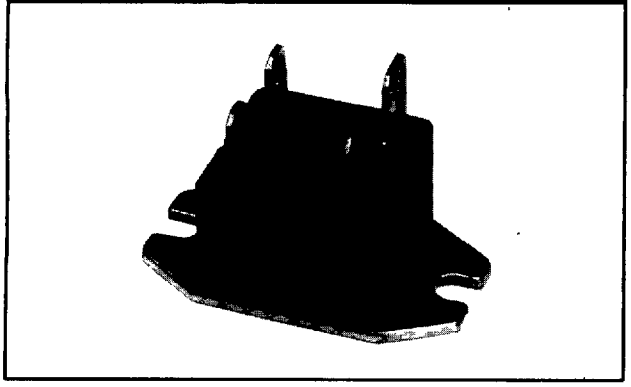
查询RLYB1020供应商

Series S



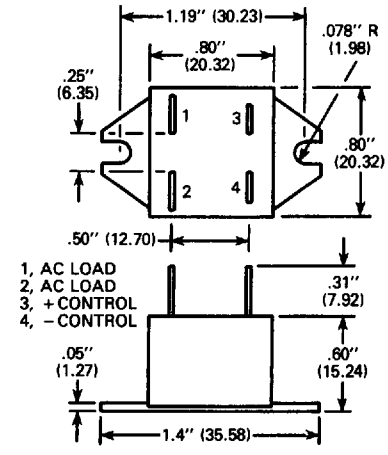
Solid State, 10 Amp Relays, SPST — Normally Open

- Logic Compatible Inputs
- 4000 Vrms Optical Isolation
- Zero Voltage Switching
- Quick Connect Terminals
- PC Mountable
- TO-3 Transistor Type Mounting

Ratings

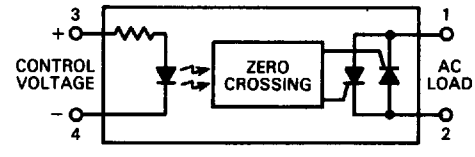
ECG Type	Input Section				Output Section							
	Nominal Input Voltage Volts	Max. Input Current mA	Must Operate Voltage Volts	Must Release Voltage Volts	Nom. AC Voltage RMS 20-500 Hz Volts	RMS Current Amps	Non Repetitive One Cycle Surge Current 60 Hz RMS Amps	Line Voltage Range 20-500 Hz VAC	Off-State Current at Nom. RMS Voltage μA	Peak On-State Voltage at Rated RMS Current V_{TM} Volts Max.	Min. Load Current mA	Peak Transient Over Voltage Volts
RLYB1020	5 DC	16	4	2	240	10	25	20-240	1000	1.7	1	500
RLYB1022	12 DC	16	9	2	240	10	25	20-240	1000	1.7	1	500

d_V/d_t ..... 200 V/μS
Duty ..... Continuous
Input to Output Capacitance ..... 3.0 pF typ.
Turn On, Turn Off Time ..... 1/2 Cycle of Operating Frequency Max.
Operating Temperature ..... −25°C to 85°C
Storage Temperature ..... −25°C to 150°C
Dielectric Strength
Input to Output ..... 4000 Vrms
Terminals to Tab/Case ..... 4000 Vrms

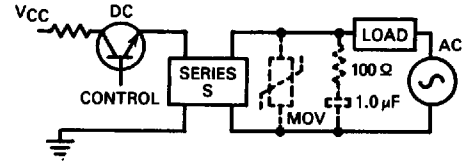


TERMINALS 1 & 2: 1/4" QUICK CONNECT
TERMINALS 3 & 4: 3/16" QUICK CONNECT

Fig. R11



Schematic



Note: Under certain low power factor load conditions, it may be advisable to connect an RC snubber network across the relay output.
A snubber is also useful in the event of severe high voltage line spikes. While these do not generally cause damage to the relay, they may induce false ½ cycle turn-on.

Applications Drawing